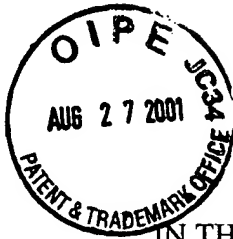


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PATENT  
Attorney Docket No. BUW-003.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Preparata et al.

Application No.: 09/416,779

Filed: October 13, 1999

For: *Systems and Methods for  
Sequencing by Hybridization*

Customer Number: 25181

Art Unit: 1631

Examiner:  
Zeman, M.

#141B  
Plunkett  
8/30/01

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on August 23, 2001.

  
Terrill E. Williams

Commissioner for Patents  
Washington, DC 20231

**RESPONSE UNDER 37 C.F.R. §1.111**

Dear Sir:

In response to the Office Action dated May 23, 2001, Applicants submit the following amendments and remarks. A clean set of the claims and paragraphs as amended are shown below. All amended claims and paragraphs are shown on separate sheets below with the standard brackets and underlines indicating changes. This paper is accompanied by a Letter to the Official Draftsperson detailing suggested changes to improve the quality of the figures. This paper is also accompanied by a new Sequence Listing (paper and CRF formats), and a Statement that the content of the CRF and paper formats contain the same sequence information.

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